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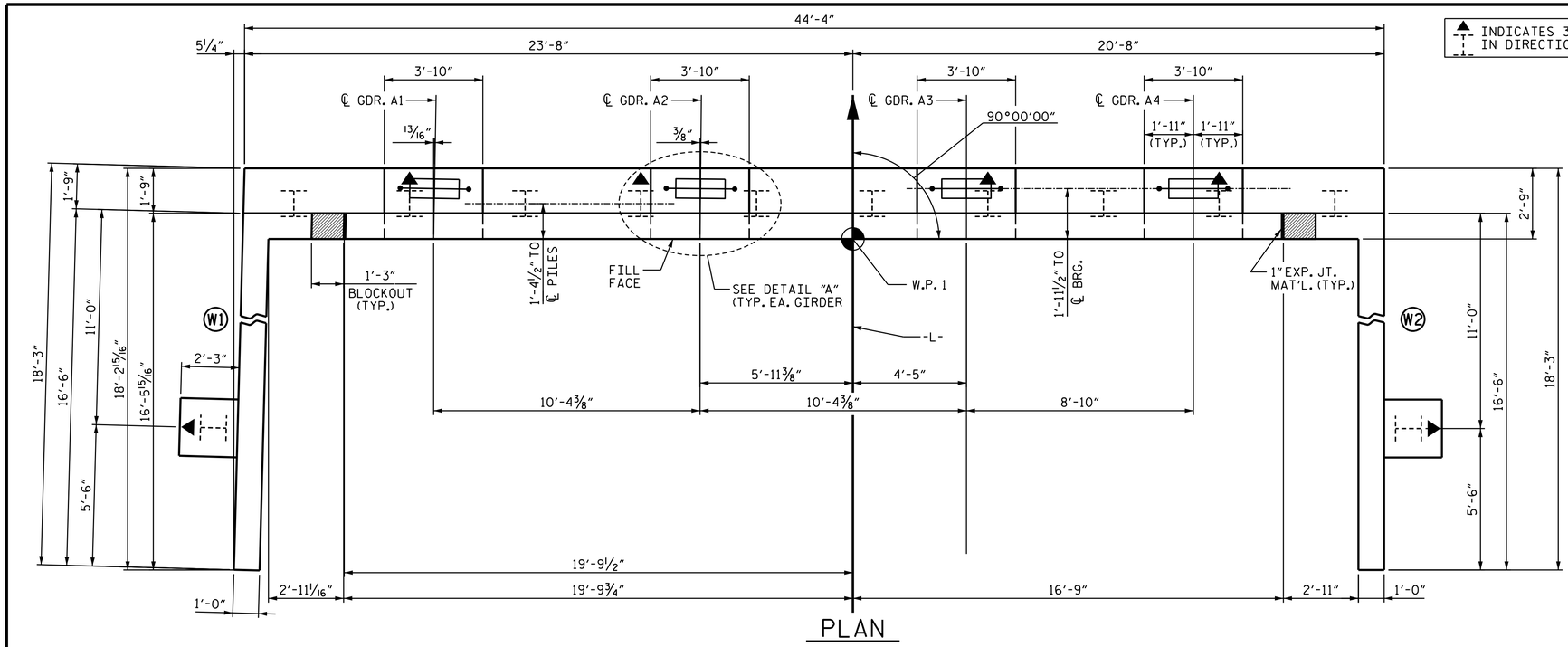
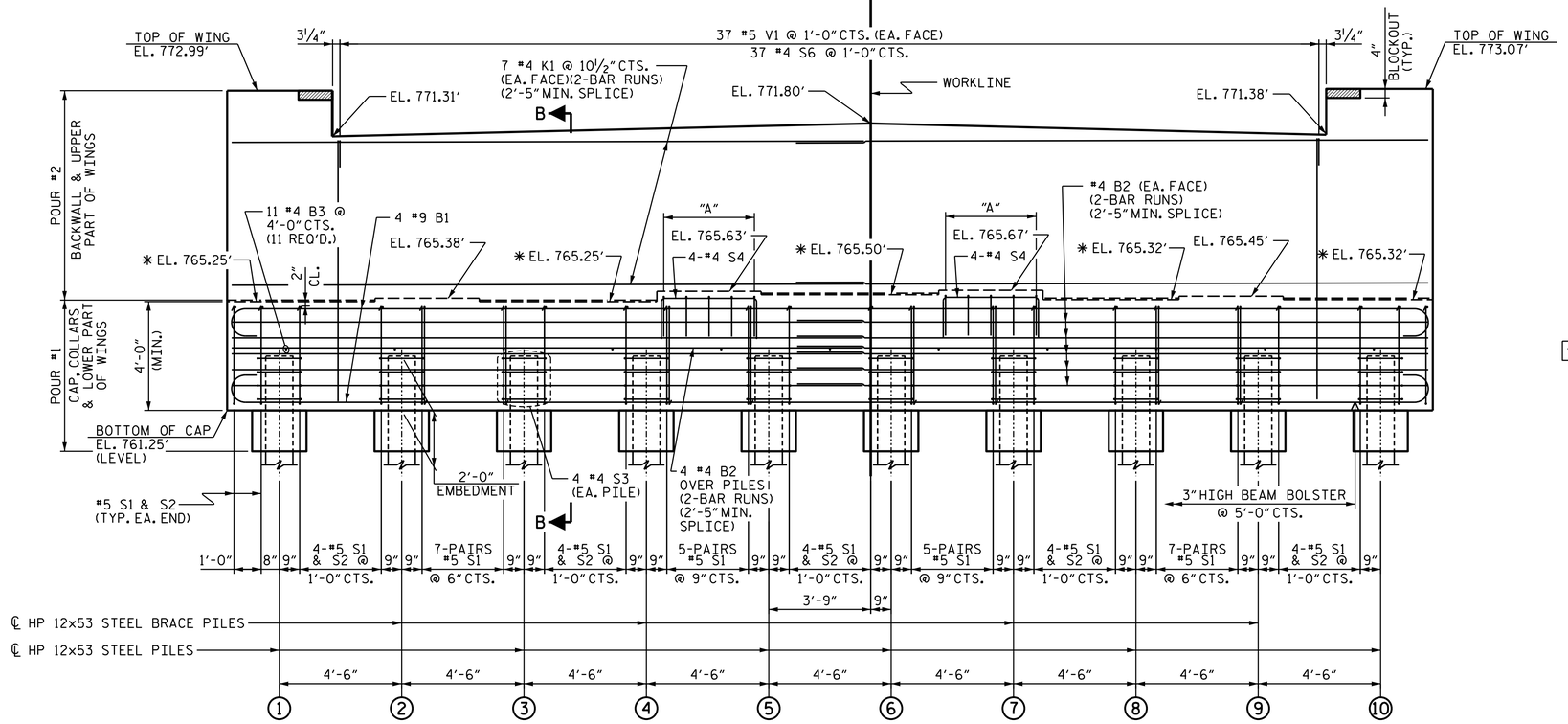


PLAN



ELEVATION

(WINGS NOT SHOWN FOR CLARITY)
FOR BRIDGE SEAT REINFORCING STEEL SEE SHEET 3 OF 3, FOR SECTION B-B SEE SHEET 3 OF 3
*FOR LOCATION OF ELEVATION BETWEEN BRIDGE SEAT BUILD-UPS, SEE TYPICAL SECTION

INDICATES 3:12 PILE BATTER IN DIRECTION SHOWN.

NOTES :

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

FOR PILE SPLICE DETAILS, SEE SHEET 3 OF 3.

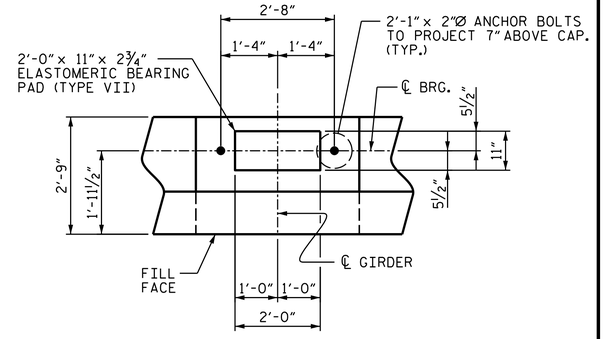
FOR WING DETAILS, SEE SHEET 2 OF 3.

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

THE TOP SURFACE AREAS OF THE END BENT CAP SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THAT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

THE TOP SURFACE OF THE END BENT CAP EXCEPT THE BRIDGE SEAT BUILDUPS SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT GIRDERS 1 & 2 ARE SLIGHTLY SKEWED.



DETAIL "A"

"A" = 5 #4 S5 @ 10" CTS.

PROJECT NO. B-5825
YADKIN/FORSYTH COUNTY
STATION: 34+65.50-L-
SHEET 1 OF 3

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL C. CHEEK, JR.
Marshall C. Cheek Jr.
5FBCC2F3A4DC413...
4/14/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

END BENT No. 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-36
1			3			TOTAL SHEETS
2			4			60

DRAWN BY :	JLA	DATE :	11/19
CHECKED BY :	RAR	DATE :	12/19
DESIGN ENGINEER OF RECORD :	TBE	DATE :	2/20